In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(Currently Amended)** A vehicle comprising:
   a. a frame comprising a plurality of frame members;
   b. an engine disposed on the frame;
   c. a straddle seat disposed on the frame for accommodating a rider;
   d. a handlebar disposed on the frame for steering the vehicle;
   e. a front suspension disposed on the frame;
   f. at least a front wheel disposed on the front suspension;
   g. a rear suspension disposed on the frame, the rear suspension comprising a rear swing arm pivotally connected to the frame at a swing arm pivot axis and a shock absorber operatively disposed between the frame and the rear swing arm;
   h. at least one rear wheel disposed on the rear swing arm; and
   i. a continuously variable transmission operatively connecting the engine to the at least one rear wheel, the continuously variable transmission comprising a housing that comprises at least one of the plurality of frame members,

   the swing arm being pivotable relative to the housing about the swing arm pivot axis.

2. **(Original)** The vehicle of claim 1, wherein the frame is a unitary structure.

3. **(Original)** The vehicle of claim 1, wherein a load transmitted to the frame by the rear swing arm is borne by the housing.

4. **(Original)** The vehicle of claim 1, wherein a load transmitted to the frame by the swing arm is borne by the housing and the rear shock absorber.

5. **(Previously Presented)** The vehicle of claim 1, wherein the continuously variable transmission further comprises a drive pulley and a driven pulley, the driven pulley comprising a centrifugal clutch and the driven pulley has a driven pulley axis.

6. **(Original)** The vehicle of claim 4, wherein the vehicle has only one front wheel and one rear wheel.

7. **(Original)** The vehicle of claim 4, wherein the vehicle has two front wheels and one rear wheel.

8. **(Original)** The vehicle of claim 4, wherein the vehicle has two front wheels and two rear wheels.

9. **(Original)** The vehicle of claim 4, wherein the frame members are separately manufactured.

10. **(Original)** The vehicle of claim 1, wherein the frame defines a storage bin between the handlebar and the seat that is sized to accommodate a helmet.

11. **(Currently Amended)** ~~The vehicle of claim 5~~ A vehicle comprising:

a. a frame comprising a plurality of frame members;

b. an engine disposed on the frame;

c. a straddle seat disposed on the frame for accommodating a rider;

d. a handlebar disposed on the frame for steering the vehicle;

e. a front suspension disposed on the frame;

f. at least a front wheel disposed on the front suspension;

g. a rear suspension disposed on the frame, the rear suspension comprising a rear swing arm pivotally connected to the frame at a swing arm pivot axis and a shock absorber operatively disposed between the frame and the rear swing arm;

h. at least one rear wheel disposed on the rear swing arm; and

i. a continuously variable transmission operatively connecting the engine to the at least one rear wheel, the continuously variable transmission comprising:

- a housing that comprises at least one of the plurality of frame members; and
- a drive pulley and a driven pulley, the driven pulley comprising a centrifugal clutch and the driven pulley has a driven pulley axis,

wherein the swing arm pivot axis is substantially aligned with the driven pulley axis.

12. **(Original)** The vehicle of claim 11, wherein the driven pulley axis is coaxial with the swing arm pivot axis.

13. **(Original)** The vehicle of claim 1, wherein the housing is the lowest-most frame member.

14. **(Currently Amended)** A vehicle comprising:

a. a frame comprising a plurality of frame members;

b. a continuously variable transmission comprising a drive pulley, a driven pulley and a housing, the driven pulley having an axis and the housing comprising one of the plurality of frame members;

c. a gearbox disposed proximal to the driven pulley;

d. a centrifugal clutch operatively connected to the driven pulley, the centrifugal clutch having a center of rotation defining an axis, the axis being substantially coaxial with the driven pulley;

e. an engine disposed on the frame;

f. a straddle seat disposed on the frame for accommodating a rider;

g. a handlebar disposed on the frame for steering the vehicle;

h. a front suspension disposed on the frame;

i. at least a front wheel disposed on the front suspension;

j. a rear suspension disposed on the frame; [[and]]

k. a swing arm pivotally mounted to the frame <u>and being pivotable relative to the housing</u> about a pivot axis; and

l. at least a rear wheel disposed on the swing arm.

15. **(Original)** The vehicle of claim 14, wherein the gearbox is a planetary type gearbox.

16. **(Original)** The vehicle of claim 15, wherein the planetary type gearbox has a center of rotation defining an axis, the axis being substantially coaxial with the driven pulley axis.

17. **(Cancelled)**

18. **(Currently Amended)** ~~The vehicle of claim 14, further comprising~~ A vehicle comprising:

a. a frame comprising a plurality of frame members;

b. a continuously variable transmission comprising a drive pulley, a driven pulley and a housing, the driven pulley having an axis and the housing comprising one of the plurality of frame members;

c. a gearbox disposed proximal to the driven pulley;

d. a centrifugal clutch operatively connected to the driven pulley, the centrifugal clutch having a center of rotation defining an axis, the axis being substantially coaxial with the driven pulley;

e. an engine disposed on the frame;

f. a straddle seat disposed on the frame for accommodating a rider;

g. a handlebar disposed on the frame for steering the vehicle;

h. a front suspension disposed on the frame;

i. at least a front wheel disposed on the front suspension;

j. a rear suspension disposed on the frame;

k. a swing arm pivotally mounted to the frame about a pivot axis;

l. at least a rear wheel disposed on the swing arm; and

m. a brake, the brake having a center of rotation defining an axis, the axis being substantially coaxial with the driven pulley.

19. **(Currently Amended)** ~~The vehicle of claim 14, further comprising~~ A vehicle comprising:

a. a frame comprising a plurality of frame members;

b. a continuously variable transmission comprising a drive pulley, a driven pulley and a housing, the driven pulley having an axis and the housing comprising one of the plurality of frame members;

c. a gearbox disposed proximal to the driven pulley;

d. a centrifugal clutch operatively connected to the driven pulley, the centrifugal clutch having a center of rotation defining an axis, the axis being substantially coaxial with the driven pulley;

e. an engine disposed on the frame;

f. a straddle seat disposed on the frame for accommodating a rider;

g. a handlebar disposed on the frame for steering the vehicle;

h. a front suspension disposed on the frame;

i. at least a front wheel disposed on the front suspension;

j. a rear suspension disposed on the frame;

k. a swing arm pivotally mounted to the frame about a pivot axis;

l. at least a rear wheel disposed on the swing arm; and

m. a drive system including a drive sprocket and a driven sprocket, the drive sprocket having a center of rotation defining an axis, the axis being substantially coaxial with the driven pulley.

20. **(Original)** A vehicle comprising:

a. a frame including a plurality of frame members;

b. an engine disposed on the frame;

c. a straddle seat disposed on the frame for accommodating a rider;

d. a handlebar disposed on the frame for steering the vehicle;

e. a front suspension disposed on the frame;

f. at least a front wheel suspended from the front suspension;

g. a rear suspension disposed on the frame, the rear suspension comprising a shock absorber;

h. a storage bin disposed between the handlebar and the straddle seat that is sized to accommodate at least one helmet;

i. a continuously variable transmission disposed on the frame, the continuously variable transmission being completely supported by the front suspension and the rear suspension;

j. a swing arm pivotally mounted to the frame about a pivot axis; and

k. a frame member means for transmitting power from the engine to the wheel.